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## POWER OF ATTORNEY OR REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND

CHANGE OF CORRESPONDENCE ADDRESS

Application Number	Attached	
Filing Date		
First Named Inventor		
Title		
Art Unit		
Examiner Name		***************************************
Attorney Docket Number		

<del> </del>				
I hereby revoke all	previous powers of attorney given in the	ne above-ider	ntified applicati	ion.
A Power of Atte	orney is submitted herewith.	_		
Number as my/identified above	nt Practitioner(s) associated with the following Cur four attorney(s) or agent(s) to prosecute the appli- e, and to transact all business in the United States Office connected therewith:	cation		73658
I hereby appoin	nt Practitioner(s) named below as my/our attorney usiness in the United States Patent and Tradema			pplication identified above, and
	Practitioner(s) Name		Registration	n Number
Please recognize o	or change the correspondence address	for the above	e-identified app	olication to:
لـــــــــــــا	sociated with the above-mentioned Customer Nu	mber.		
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I am the:			· · · · · · · · · · · · · · · · · · ·	
Applicant/Invento	or.			
	ord of the entire interest. See 37 CFR 3.71.			
Statement under	37 CFR 3.73(b) (Form PTO/SB/96) submitted he	erewith or filed o	n	*
Ciant	SIGNATURE of Applicant	or Assignee of	Record	
Signature	Thomas I Amia		Date	5/24/12
Title and Company	Thomas J. Arria Sr. IP Specialist, Patenting		Telephone	781-219-8760
	e inventors or assignees of record of the entire interest	or their representa	tive(s) are required.	Submit multiple forms if more than one
*Total of	forms are submitted.			

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## Statement Under 37 C.F.R. 3.73(b)

Owner: Nokia Corporation
Application Nos.: See Attached

Nokia Corporation , a corporation (Type of Assignee) (Name of Assignee)

states that it is:

the assignee of the entire right, title and interest in:

the patent applications **identified on the attached list** by virtue of assignment(s) from the inventor(s) of the patent application(s).

The assignments were recorded in the United States Patent and Trademark Office on the Reel and Frame numbers listed on the attached list.

The undersigned is authorized to act on behalf of the assignee.

Name: Thomas J. Arria

Signature:

Title: Sr. IP Specialist, Patenting

Registration No.: 60,223

## Revocation of Power of Attorney with a New Power of Attorney and Change of Correspondence Address Applications List

Application No.:	Filing Date	Confirmation No.:	Assignment: Reel/Frame
10/795083	03/05/2004	6633	015053/0928
(Pat. No. 7161983)	03/03/2004	0055	01303370720
10/941915	09/16/2004	9267	015808/0315
(Pat. No. 7319874)	09/10/2004	9207	013000/0313
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(Pat. No. 7474884)	09/11/2000	3702	020314/0230
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(Pat. No. 7631037)	11/14/2003	1437	013202/0113
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(Pat. No. 6477156)	00:29:1999	0443	017003/0100
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Application No.:	Filing Date	Confirmation No.:	Assignment: Reel/Frame
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Application No.:	Filing Date	Confirmation	Assignment:
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(Pat. No. 7480451)         10/325736         12/23/2002         3289         016251/0604           (Pat. No. 7489691)         02/26/2003         2829         014158/0304           10/372771         02/26/2003         2829         014158/0304           (Pat. No. 7535894)         04/26/2000         9534         017375/0769           (Pat. No. 7574480)         01/09/2007         4500         019734/0753           (Pat. No. 7586425)         07/13/2005         1053         016585/0298           (Pat. No. 7597262)         07/13/2005         1053         016585/0298           (Pat. No. 7649865)         10/22/2003         3866         014944/0429           (Pat. No. 7649865)         09/14/2005         4078         017288/0829           (Pat. No. 7649865)         11/202323         12/27/2004         8319         016318/0128           (Pat. No. 7667186)         11/384987         03/20/2006         1869         018054/0612           (Pat. No. 7689932)         12/28/2004         3487         016321/0414           (Pat. No. 7697471)         11/127706         05/12/2005         6799         016792/0275           (Pat. No. 7697923)         09/854461         05/15/2001         8072         017389/0597           (Pat. No. 7711052) <td>11/477881</td> <td>06/29/2006</td> <td>7276</td> <td>·····</td> <td></td>	11/477881	06/29/2006	7276	·····	
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